

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference P039222WO:CPM	FOR FURTHER ACTION <small>see Form PCT/ISA/220 as well as, where applicable, item 5 below.</small>	
International application No. PCT/GB2004/004594	International filing date (day/month/year) 29/10/2004	(Earliest) Priority Date (day/month/year) 31/10/2003
Applicant LIFESCAN SCOTLAND LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

A METER FOR USE IN A METHOD OF REDUCING INTERFERENCES IN AN ELECTROCHEMICAL SENSOR USING TWO DIFFERENT APPLIED POTENTIALS

5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. 2

☐ as suggested by the applicant.

☒ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

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Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

The present invention is directed to an improved meter that utilizes a method of reducing the effects of interfering compounds in the measurement of analytes and more particularly to a method of reducing the effects of interfering compounds in a system wherein the test strip utilizes two or more working electrodes. In the present invention, a meter is described which applies a first potential (E1) to a first working electrode (12) and a second potential (E2), having the same polarity but a greater magnitude than the first potential, is applied to a second working electrode (14). The meter then measures the generated current and utilizes a predetermined algorithm to correct the measured current to compensate for the presence of interfering compounds in the sample.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N27/327 C12Q1/00 G01N27/49

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
✓ X	US 5 830 343 A (HINTSCHE ET AL) 3 November 1998 (1998-11-03) column 3, line 57 - column 4, line 53; figure 1A	1-3
✓ X	----- HARRINGTON M S ET AL: "MULTIPLE ELECTRODE POTENTIOSTAT" REVIEW OF SCIENTIFIC INSTRUMENTS, AMERICAN INSTITUTE OF PHYSICS. NEW YORK, US, vol. 60, no. 10, 1 October 1989 (1989-10-01), pages 3323-3328, XP000071728 ISSN: 0034-6748 abstract; figures 2,6 ----- -/--	1-3



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

4 February 2005

Date of mailing of the international search report

10/02/2005

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International Application No
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
✓ P,X	WO 2004/029605 A (INFOPIA CO., LTD; BAE, BYUNG-WOO; LEE, HEON-KWON; LEE, SUNG-DONG; KIM,) 8 April 2004 (2004-04-08) figures 6,8	1-3
✓ A	----- US 4 655 880 A (LIU ET AL) 7 April 1987 (1987-04-07) column 6, line 12 - column 7, line 68; figure 1	1-4
✓ A	----- US 6 046 051 A (JINA ET AL) 4 April 2000 (2000-04-04) cited in the application figure 2 -----	2

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Information on patent family members

International Application No

PCT/GB2004/004594

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5830343	A	03-11-1998	DE 4424355 A1	18-01-1996
			WO 9601993 A1	25-01-1996
			EP 0717841 A1	26-06-1996
WO 2004029605	A	08-04-2004	WO 2004029605 A1	08-04-2004
US 4655880	A	07-04-1987	NONE	
US 6046051	A	04-04-2000	US 6060323 A	09-05-2000
			US 6066504 A	23-05-2000
			US 6673622 B1	06-01-2004
			US 6338821 B1	15-01-2002